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FIG. 2

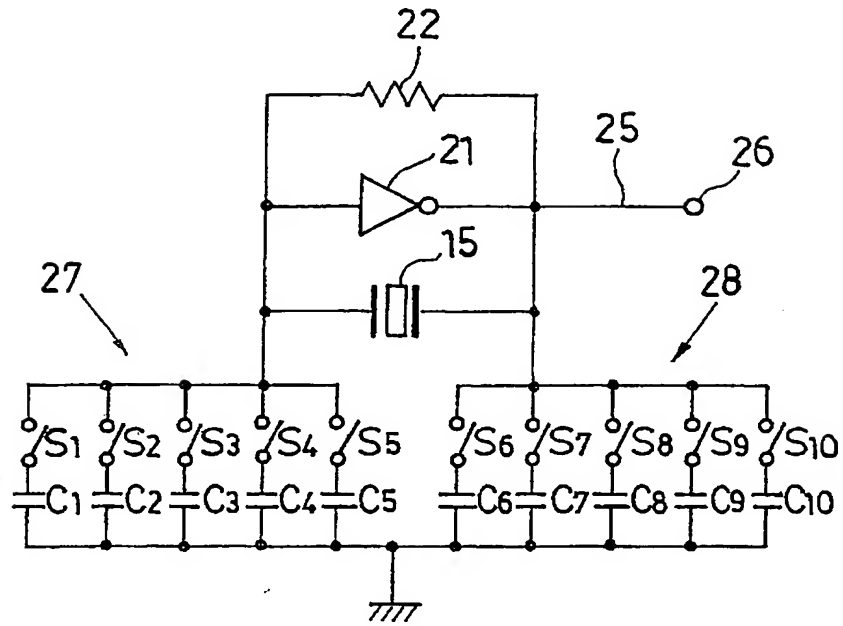
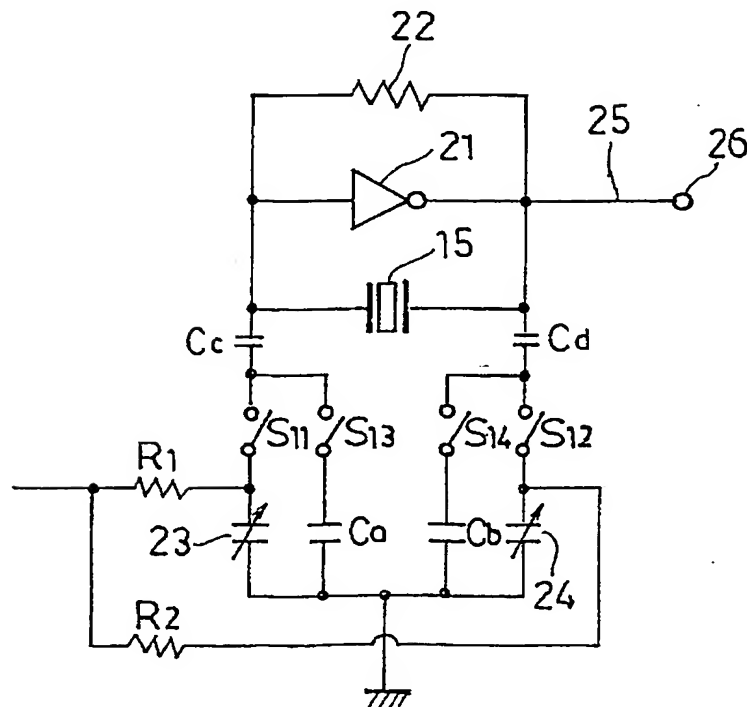


FIG. 3



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FIG. 4

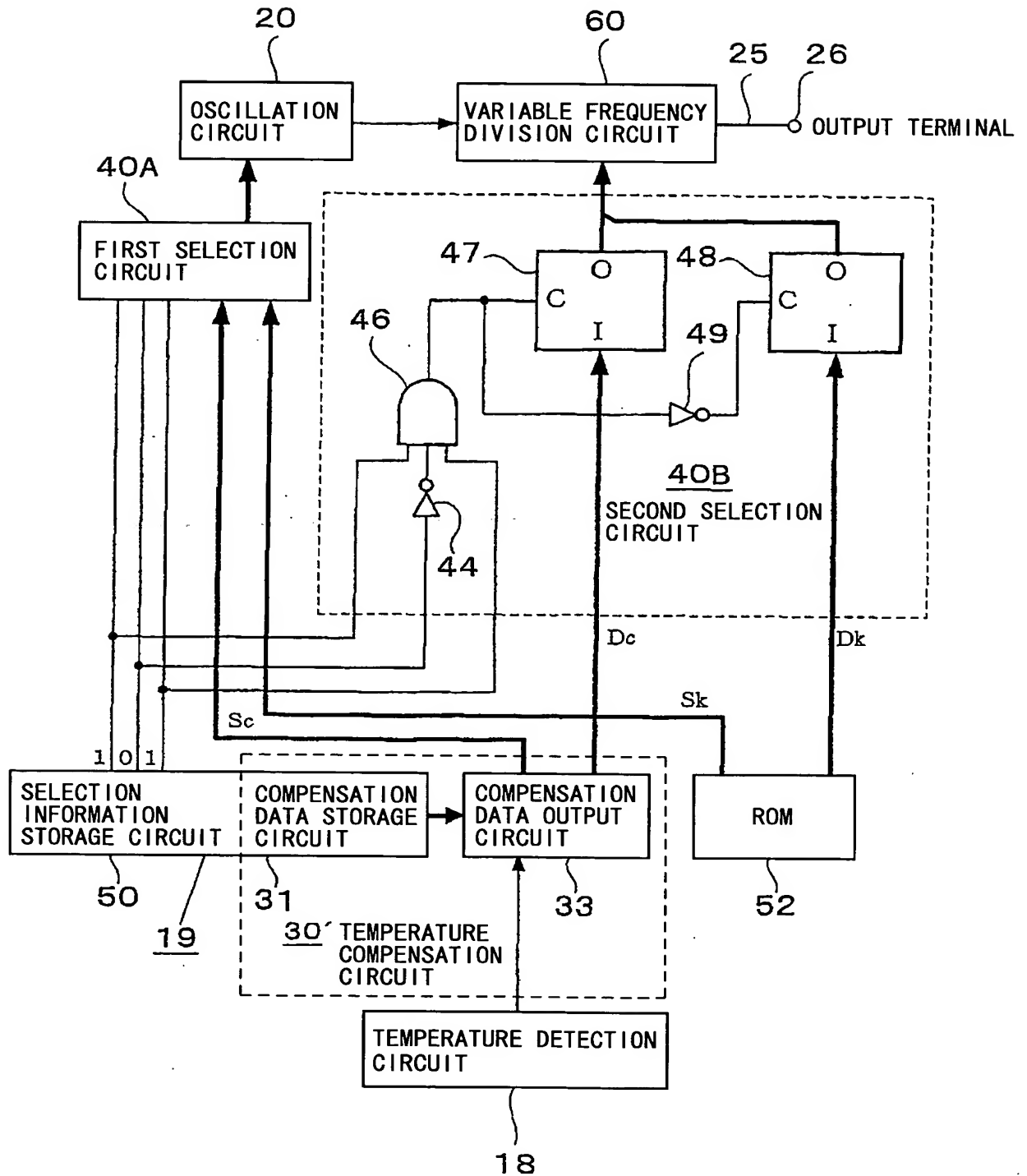
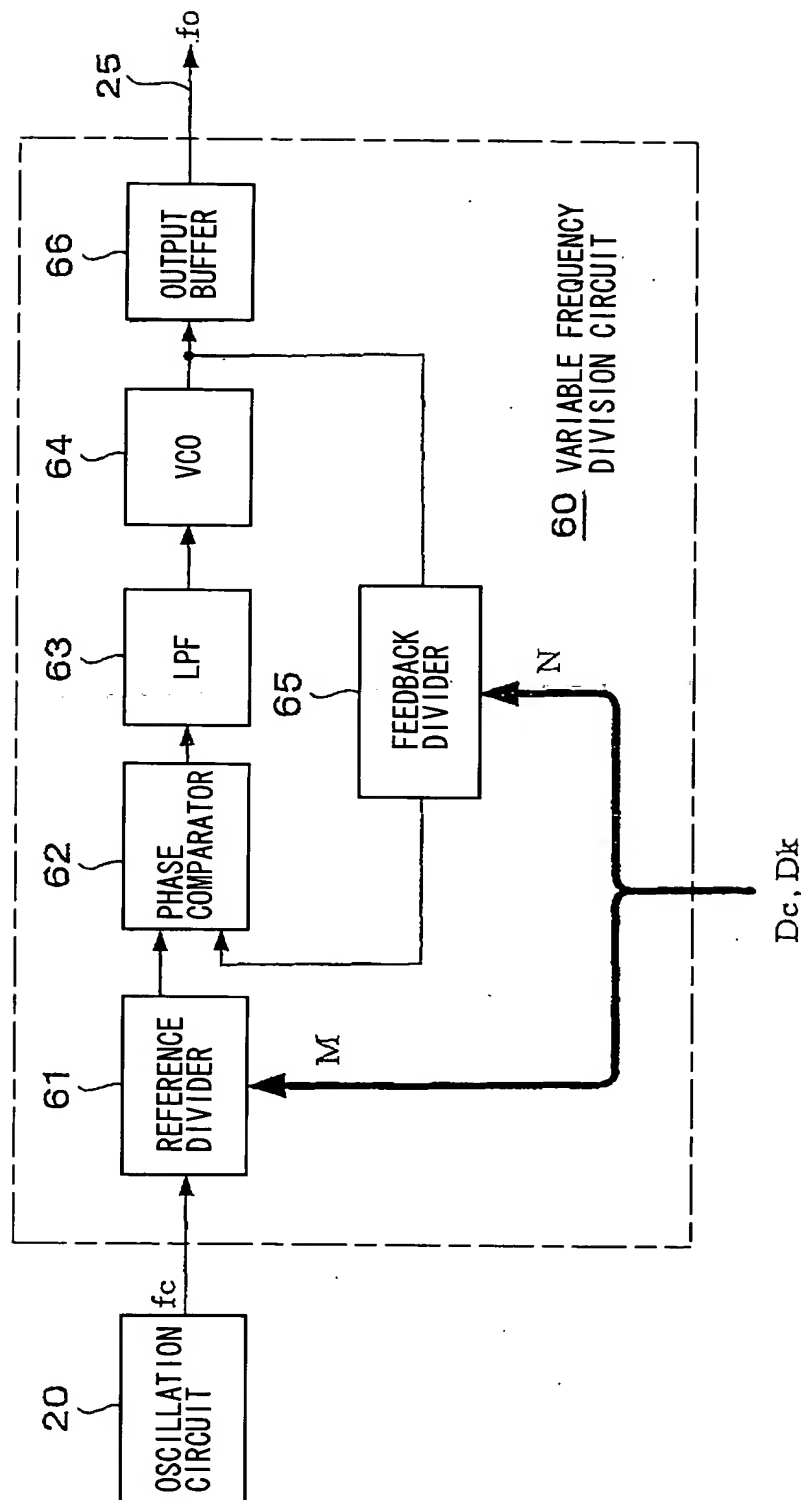


FIG. 5



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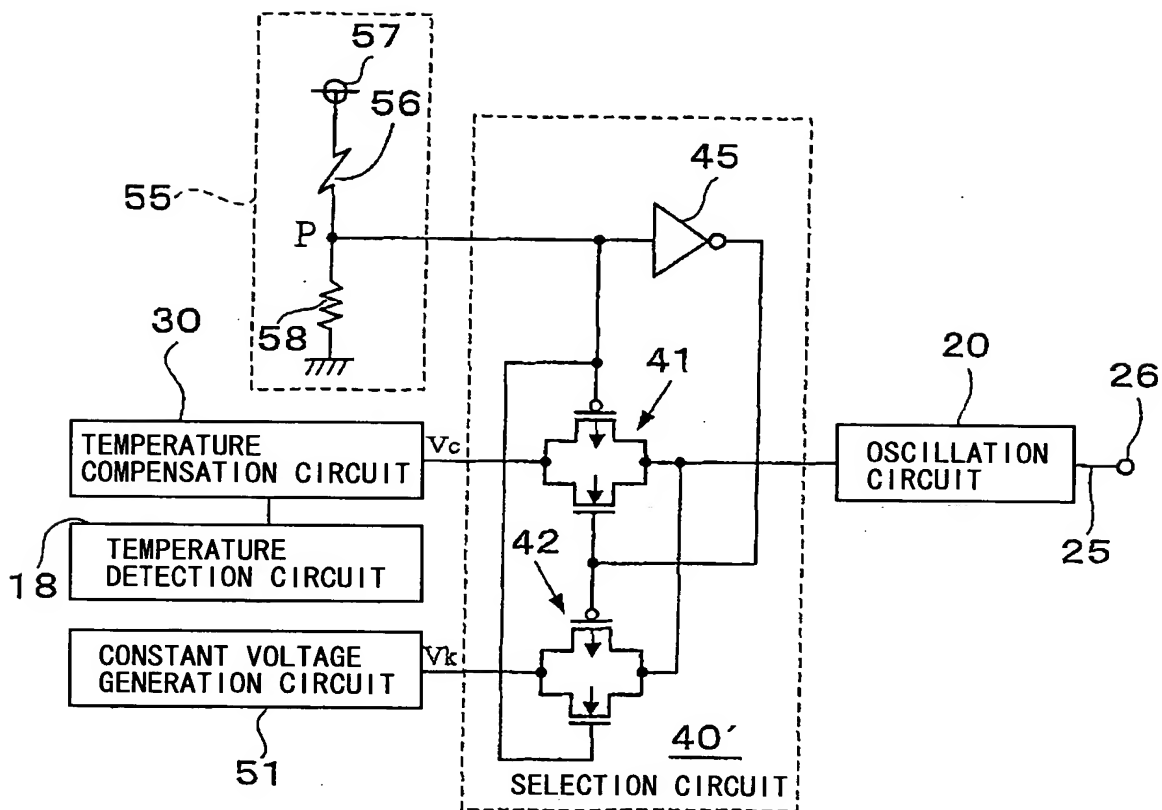
FIG. 6

FREQUENCY DIVISION NUMBER		FREQUENCY DIVISION RATIO (MULTIPLICATION NUMBER)	FREQUENCY OF OUTPUT SIGNAL (MHz)
M	N		
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
102	100	1.020	20.4
203	200	1.015	20.3
101	100	1.010	20.2
201	200	1.005	20.1
100	100	1.000	20.0
199	200	0.995	19.9
99	100	0.990	19.8
197	200	0.985	19.7
98	100	0.980	19.6
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.

INCREMENT
 \uparrow
 f_c
 \downarrow
 DECREMENT

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FIG. 7



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FIG. 8
PRIOR ART

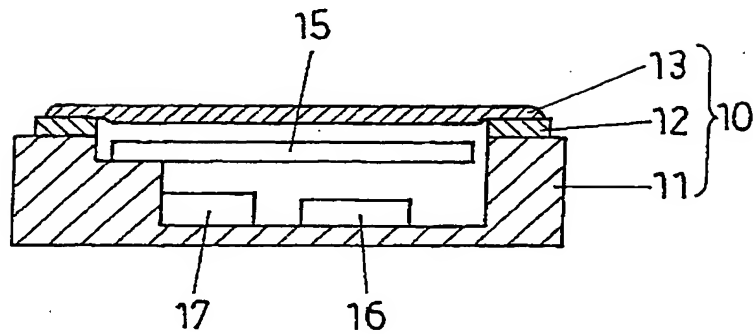


FIG. 9
PRIOR ART

